CLAIMS

1. Connection device for the realisation of a tubular-frame structure for supporting surfaces constituted by a body (18) from which projects at least one socket (19) for connecting to tubular profiles (15) and possibly, in a generic perpendicular direction or at an angle, projects a connector (20) for the releasable connection of a leg (14), in which said at least one socket (19) has a non-continuous external wall (21), which defines a seat (22), attached at the base by an abutment surface (42) for a blocking means, carrying a threaded hole (25) which houses an operation grain (23).

2. Device according to claim 1, characterised in that said socket (19) has a hole (34) housing a shaft (31) of said operation grain (23) through the tightening of a sealing element (33) in the form of a broken ring made of hardened steel.

3. Device according to claim 1, characterised in that said blocking means is a beam (24) which has a U-shaped cross-section.

4. Device according to claim 1, characterised in that said blocking means causes or prevents connection by interfering only with curved portions (41) of said external wall (21), opposite the beam (24), with the tubular profile (15) moving along in said seat (22)

controlled by said operation grain (23).

5. Device according to claim 1, characterised in that said tubular profile (15) is fitted until it abuts against an abutment surface (35) of said body (18).

6. Device according to claim 1, characterised in that said operation grain (23) can be accessed through a hole (36) on the tubular profile (15) fitted onto the socket (19).

7. Device according to claim 1, characterised in that said connector (20) is composed of an expandable cylindrical body, equipped with a plurality of notches (37, 38) and upon which acts an operation grain (39), which can be operated through a key from outside the tubular leg (14).